



Hazardous Materials Notification System (HAZTRAK)

DOE INTEGRATED SAFETY MANAGEMENT
Lessons Learned Workshop

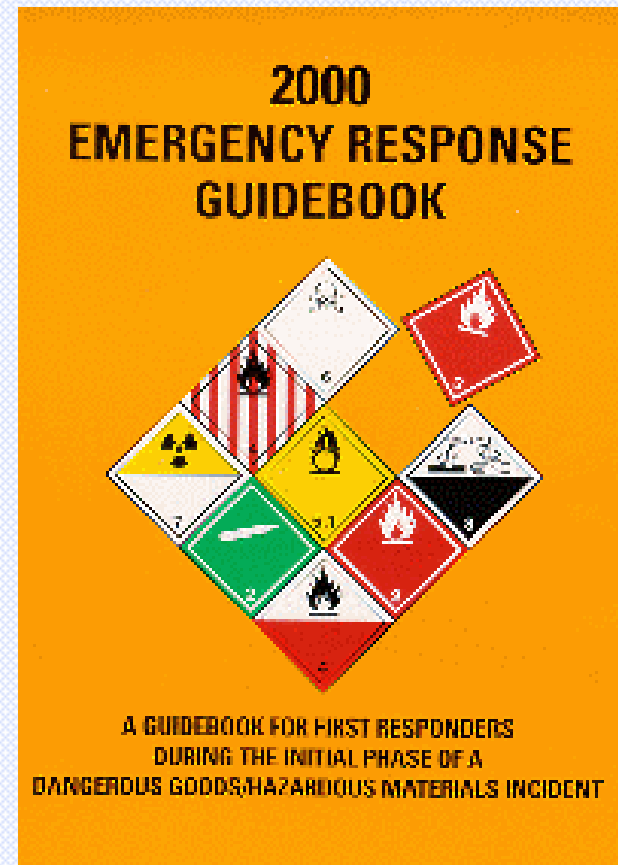
December 5-6, 2000

Pasco, Washington

Presented By: Lee Stevens-PAI

WHAT IS HAZTRAK?

- ◆ Computer Program
- ◆ Cold Fusion
- ◆ Oracle Databases
- ◆ Internal/External Web Access using IE 5.0
- ◆ Crystal Reports
- ◆ Emergency Response Information From *2000 EMERGENCY RESPONSE GUIDEBOOK*



HAZTRAK HISTORY

- ◆ 1989: Created by DOE/NV Traffic Manager
- ◆ 1991: VAX based application goes online
- ◆ 1996: Oracle based application goes online
- ◆ 1999: Web based application goes online
- ◆ 1999: DOE/NV Policy 460.X goes into effect
- ◆ 1999: SUNRISE '99 Emergency Response Exercise
- ◆ 2000: BRIGHT SUN Emergency Response Exercise
- ◆ 2000: External access approved

OBJECTIVES

- ◆ Meet regulatory requirements
- ◆ Ensure the safety of all NTS personnel
- ◆ Provide stakeholders limited information
- ◆ Allow access to all NTS tenants



OBJECTIVE 1: MEET REGULATORY REQUIREMENTS

- ◆ Meets requirements of 49 CFR 172.604 "Emergency Response Telephone Number" for applicable outbound (public) shipments.



EMERGENCY RESPONSE SCREEN

- Carrier Name
- Shipment Tracking number
- Vehicle Number
- Driver Name
- Shipper or Recipient

HazTrak - Microsoft Internet Explorer provided by DOE/NV


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Address http://haztrak/Ese/index.cfm

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**NEVADA Emergency Response Personnel
Real-Time (In-Transit) Shipments**

	Carrier	Tracking Number	Vehicle	Driver	Shipper	Receiver	
Display	GOVERNMENT TRUCK	20001122074125	G6302258	DENNIS GLENN	BECHTEL NEVADA	BECHTEL NEVADA	Print
Display	GOVERNMENT TRUCK	38571	E105708	DON BURNS	BECHTEL NEVADA	BECHTEL NEVADA	Print
Display	GOVERNMENT TRUCK	38572	E105708	DON BURNS	BECHTEL NEVADA	BECHTEL NEVADA	Print
Display	GOVERNMENT TRUCK	38673	E105708	DON BURNS	BECHTEL NEVADA	LOS ALAMOS NATIONAL LABORATORY	Print
Display	LANDSTAR RANGER	MDL01006	UNKNOWN	WILLIAM MANNING	BABCOCK AND WILCOX MOUND	BECHTEL NEVADA	Print
Display	MOTOR CARGO	0050546153	UNKNOWN	UNKNOWN	BECHTEL NEVADA	WACKENHUT SERVICES, INC	Print

Cancel

Done

Local intranet

Start

Inbox - Microsoft Outlook

HAZTRAK1.ppt

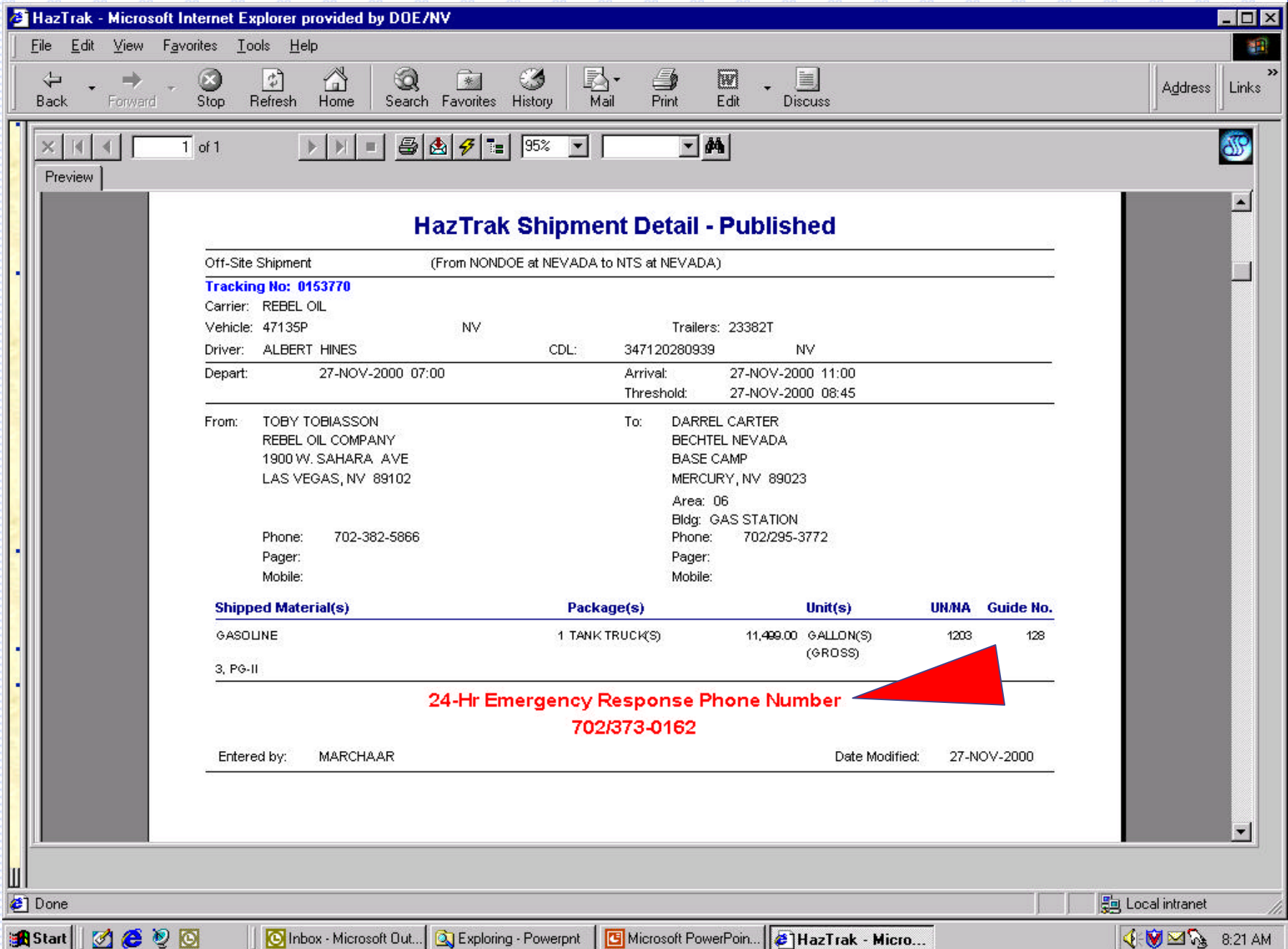
Haztrak2.ppt

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INFORMATION PROVIDED

- ◆ Shipment Tracking Number
- ◆ 24-Hour Emergency Response Phone Number for Shipment
- ◆ Departure Date/Time and Estimated Arrival Date/Time
- ◆ Shipper and Recipient Contact Information (Phone, Fax, Pager, After Hours Phone Number, etc.)
- ◆ Carrier, Driver, Vehicle, Trailer(s) Information
- ◆ HazMat Information (Material Name, Package(s), Material Measure (Gross/Net))
- ◆ Material Specific Information (Technical Names, Isotopes, Activity, Physical/Chemical Forms, etc.)
- ◆ Emergency Response Guide Information for Material
- ◆ Initial Isolation and Protective Action Distances for Material



OBJECTIVE 2: ENSURE SAFETY OF ALL NTS PERSONNEL

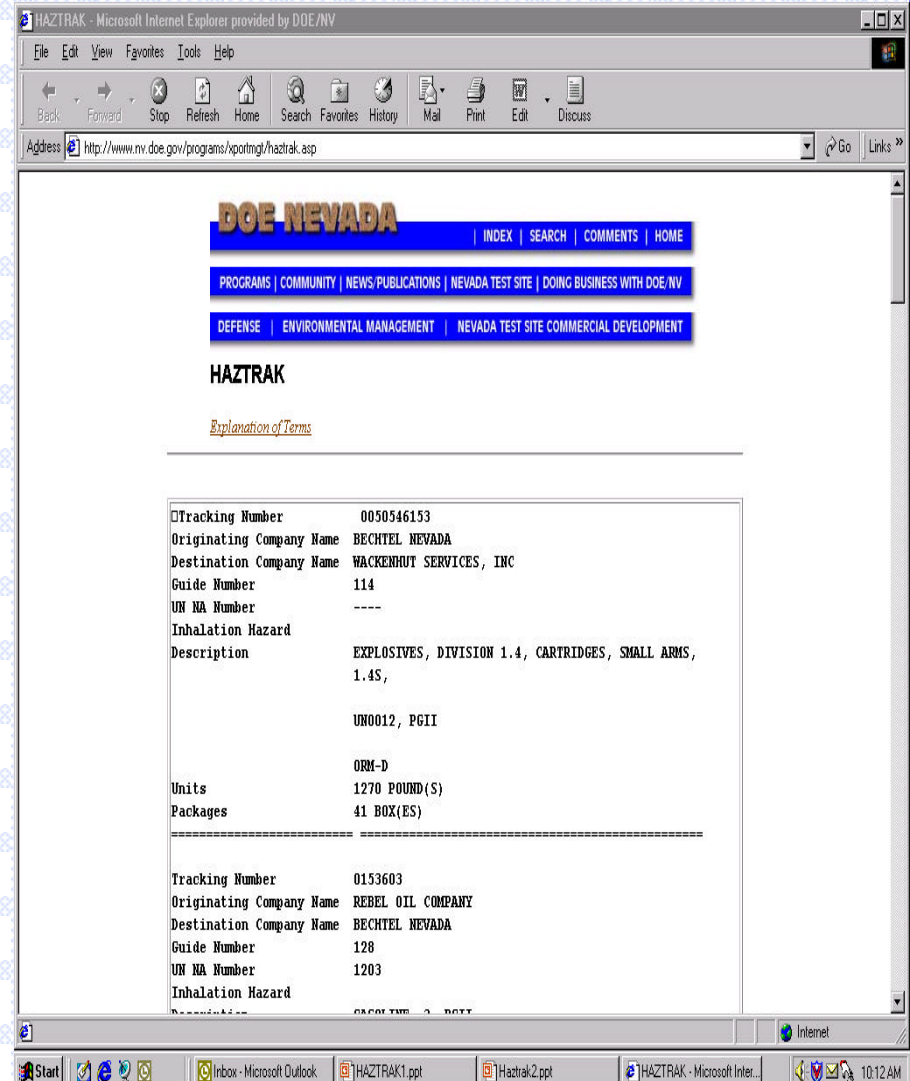
- ◆ Provides CIC personnel with information on all applicable HazMat being transported onsite.
- ◆ Provides first responders information on materials involved in transportation incidents prior to arrival at the incident scene.
- ◆ Provides a safer, more informed response to transportation related emergencies.





OBJECTIVE 3: PROVIDE STAKEHOLDER INFORMATION

- ◆ DOE/NV stakeholders requested information on shipments to and from the NTS.
- ◆ Provides DOE stakeholders with “limited” information as to what types of HazMat are being transported to, from , and within the NTS and other DOE/NV facilities.



OBJECTIVE 4: ALLOW ACCESS TO ALL NTS TENANTS

- ◆ NTS tenants access through DOE/NV intranet.
- ◆ Remote access through commercial software.
- ◆ Selected vendors and waste generators enter shipment information into system remotely.




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Add HazTrak Shipment

Tracking Number	<input type="text" value="20001127094803"/>	<input type="button" value="Auto-Generate"/>
Unpublished	<input type="checkbox"/>	
Depart Field Office	<input type="text" value="NEVADA"/>	
Depart Date & Time	Date: <input type="text" value="27-NOV-2000"/> Hour: <input type="text" value="08"/> Minute: <input type="text" value="15"/> (24 Hour Clock)	
Arrival Field Office	<input type="text" value="NEVADA"/>	
Arrival Date & Time	Date: <input type="text" value="27-NOV-2000"/> Hour: <input type="text" value="14"/> Minute: <input type="text" value="15"/> (24 Hour Clock)	
Emergency Response Comment	<input type="text" value="TEST SHIPMENT"/>	

Done

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Add HazTrak Shipment - Threshold

NTS Arrival Information

Arrival Date/Time	27-NOV-2000 14:15		
NTS Threshold	Date: 27-NOV-2000	Hour: 09	Minute: 15 (24 Hour Clock)

ContinueResetCancel

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Add HazTrak Shipment - Shipper

Add	Shipper
Select	AAPER ALCOHOL
Select	AEA TECHNOLOGIES
Select	AIR LIQUIDE
Select	AIR LIQUIDE AMERICA CORP
Select	AIR PRODUCTS & CHEMICAL
Select	AIRGAS
Select	AIRGAS -WEST
Select	ALL PURE CHEMICAL COMPANY
Select	ALLIANT TECH SYTEMS
Select	ALLIED SIGNAL TECHNICAL SERVICES
Select	ALLIED TECHNOLOGY GROUP INC
Select	AMKO SERVICE CORPORATION
Select	ANNISTON MUNITIONS CENTER
Select	APPLIED PHYSICS LAB
Select	ARMY RESEARCH LABORATORY
Select	AUSTIN POWDER COMPANY
Select	BAE BATTERY TECH CENTER
Select	BAKER ATLAS
Select	BARBOUR
Select	BECHTEL NEVADA C/O FEDX
Select	BECHTEL NEVADA C/O FBI
Select	BECHTEL NEVADA C/O HOLLYWOOD SUITES
Select	BECHTEL NEVADA FOR USDOE
Select	BECHTEL NEVADA FOR USDOE SAN DIEGO
Select	BECHTELNEVADA C/O FBI
Select	BOC GASES

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Add HazTrak Shipment - Shipper Address

Add	Street 1	Street 2	City	State	Zip	Area	Building
Select	11711 ALAMEDA		LOS ANGELES	CA	90059		
Select	BASE CAMP		MERCURY	NV	89023	23	750
Select	3560 LOSEE ROAD		NORTH LAS VEGAS	NV	89030		

Cancel

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Add HazTrak Shipment - Receiver Address

Add	Street1	Street2	City	State	Zip	Area	Building
Select	BASE CAMP		MERCURY	NV	89023	01	CP-1
Select	BASE CAMP		MERCURY	NV	89023	01	SHAK-1
Select	BASE CAMP		MERCURY	NV	89023	01	U1A
Select	BASE CAMP		MERCURY	NV	89023	03	3C36 (AHAT)
Select	BASE CAMP		MERCURY	NV	89023	05	0008
Select	BASE CAMP		MERCURY	NV	89023	05	114
Select	BASE CAMP		MERCURY	NV	89023	05	5-7
Select	BASE CAMP		MERCURY	NV	89023	05	BURMA ROAD TRAINING
Select	BASE CAMP		MERCURY	NV	89023	05	HAZ WASTE STORAGE UNIT
Select	BASE CAMP		MERCURY	NV	89023	05	HAZARDOUS SPILL CENTER
Select	BASE CAMP		MERCURY	NV	89023	05	WASTE EXAM FACILITY
Select	BASE CAMP		MERCURY	NV	89023	05	WELL 5
Select	BASE CAMP		MERCURY	NV	89023	06	0618A
Select	BASE CAMP		MERCURY	NV	89023	06	0901
Select	BASE CAMP		MERCURY	NV	89023	06	0908
Select	BASE CAMP		MERCURY	NV	89023	06	0908F
Select	BASE CAMP		MERCURY	NV	89023	06	0914
Select	BASE CAMP		MERCURY	NV	89023	06	111
Select	BASE CAMP		MERCURY	NV	89023	06	159
Select	BASE CAMP		MERCURY	NV	89023	06	50
Select	BASE CAMP		MERCURY	NV	89023	06	618A
Select	BASE CAMP		MERCURY	NV	89023	06	623
Select	BASE CAMP		MERCURY	NV	89023	06	643
Select	BASE CAMP		MERCURY	NV	89023	06	672
Select	BASE CAMP		MERCURY	NV	89023	06	6900
Select	BASE CAMP		MERCURY	NV	89023	06	699

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Add HazTrak Shipment - Carrier

Add	Carrier
Select	AIRBORNE EXPRESS
Select	AIRGAS
Select	AIRGAS-WEST
Select	ANDERSON & SONS TRUCKING
Select	ARKASAS BEST FREIGHT
Select	AUSTIN POWDER COMPANY
Select	BABOUR WELL SURVEYING
Select	BAGGETT
Select	BAKER ATLAS
Select	BOC GASES
Select	BOYLE TRANSPORTATION, INC
Select	BURLINGTON AIR EXPRESS
Select	CALIFORNIA TOOL & WELDING SUPPLY
Select	CAST TRANSPORTATION
Select	COLOG
Select	CON-WAY WESTERN EXPRESS
Select	CONSOLIDATED FREIGHTWAYS
Select	COOL TRANSPORT
Select	DART TRUCKING COMPANY
Select	DATS TRUCKING
Select	DAVIS FREIGHT
Select	DESERT INDUSTRIAL GAS
Select	DX SYSTEMS COMPANY
Select	DYNO NOBEL BURT, INC.
Select	EPOC CARBON DIOXIDE PRODUCTS
Select	FED-EX CUSTOM CRITICAL

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Add HazTrak Shipment - Driver

Add	Last Name	First Name
Select	DOWNEY	DENNIS
Select	EVENSON	MIKE
Select	THOMPSON	PETE

Cancel

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Select	CHEMICAL KITS (CONTAINING OXIDIZING SUBSTANCES)	----
Select	CHEMICAL KITS (CONTAINING POISONOUS LIQUIDS)	----
Select	CHEMICAL KITS (CONTAINING POISONOUS SOLIDS)	----
Select	CHEMICAL KITS (CONTAINING TOXIC LIQUIDS)	----
Select	CHEMICAL KITS (CONTAINING TOXIC SOLIDS)	----
Select	CHEMICAL SAMPLE, POISONOUS LIQUID	3315
Select	CHEMICAL SAMPLE, POISONOUS SOLID	3315
Select	CHEMICAL SAMPLE, TOXIC LIQUID	3315
Select	CHEMICAL SAMPLE, TOXIC SOLID	3315
Select	CHLORAL, ANHYDROUS, INHIBITED	2075
Select	CHLORATE AND BORATE MIXTURES	1458
Select	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE	1459
Select	CHLORATE, N.O.S., WET	1461
Select	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3210
Select	CHLORATES, INORGANIC, N.O.S.	1461
Select	CHLORIC ACID	2626
Select	CHLORIC ACID, AQUEOUS SOLUTION, WITH NOT MORE THAN 10% CHLORIC ACID	2626
Select	CHLORINE	1017
Select	CHLORINE DIOXIDE, HYDRATE, FROZEN	9191
Select	CHLORINE PENTAFLUORIDE	2548
Select	CHLORINE TRIFLUORIDE	1749
Select	CHLORITE SOLUTION	1908
Select	CHLORITE SOLUTION, WITH MORE THAN 5% AVAILABLE CHLORINE	1908
Select	CHLORITES, INORGANIC, N.O.S.	1462
Select	CHLOROACETALDEHYDE	2232
Select	CHLOROACETIC ACID, LIQUID	1750
Select	CHLOROACETIC ACID, MOLTEN	3250
Select	CHLOROACETIC ACID, SOLID	1751
Select	CHLOROACETIC ACID, SOLUTION	1750
Select	CHLOROACETONE, STABILIZED	1695
Select	CHLOROACETONITRILE	2668
Select	CHLOROACETOPHENONE	1697

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Add Shipped Material

Material Name	CHLORINE
UN/NA No.	1017
Guide No.	124
Reportable Quantity?	<input checked="" type="checkbox"/>
Waste?	<input type="checkbox"/>
Returning to Threshold?	<input type="radio"/> As Residue <input type="radio"/> As Not Delivered <input type="button" value="Clear"/>
RQ/P.S.N./N.O.S. Description	TEST SHIPMENT
No. of Package	1
Package Type	CYLINDER(S)
Material Measure	150
Unit Name	POUND(S) <input type="radio"/> Net <input checked="" type="radio"/> Gross

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HazTrak Shipments

Shipment Editable Date Range
Starting: 22-Nov-2000 Ending: 27-Dec-2000

	Add	Tracking Number	Carrier	Vehicle Number	Driver Name	
Print Interline	Edit	01002	SAFETY-KLEEN (TG), INC	UNKNOWN	BRETT BIEDENBENDER	Delete
Print Interline	Edit	0050546153	MOTOR CARGO	UNKNOWN	UNKNOWN	Delete
Print Interline	Edit	MDL01006	LANDSTAR RANGER	UNKNOWN	WILLIAM MANNING	Delete
Print Interline	Edit	0153770	REBEL OIL	47135P	ALBERT HINES	Delete
Print Interline	Edit	20001127094803	AIRGAS	4567XTL	MIKE EVENSON	Delete
Print Interline	Edit	SAM02666	GOVERNMENT TRUCK	E105469	SAM PARKS	Delete
Print Interline	Edit	WML01009	FLUID TRANSPORTS, INC	UNKNOWN	BOB KORNEGAY	Delete
Print Interline	Edit	WML01030	FLUID TRANSPORTS, INC	UNKNOWN	CURTIS DIXON	Delete

[Cancel](#)

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HAZTRAK CONTACTS

- ◆ Kathleen Grassmeier
DOE/NV Transportation Manager
Phone: (702) 295-7444
E-mail: grassmei@nv.doe.gov
- ◆ Jim Przybylski
Bechtel Nevada Transportation Manager
Phone: (702) 295-7047
E-mail: przybyjl@nv.doe.gov